



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 8
999 18TH STREET - SUITE 300
DENVER, CO 80202-2466
Phone 800-227-8917
<http://www.epa.gov/region08>

AUG 24 2005

Ref: 8P-W-GW

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. Kenneth Smith
Executive Vice President and Chief Operating Officer
Petroglyph Energy, Inc.
555 S. Cole Blvd
Boise, ID 83709

*modification - minor mod approved
MAIP changed to 1605 from 1900 psig as specified*
RE: Additional Well-to-Antelope-Creek-Area-Permit
UIC Permit No. UT20736-00000 *in Final Area Permit*
Well ID: UT20736-04549 *7/12/1994.*
Ute Tribal No. 31-02, Duchesne County, Utah

Dear Mr. Smith:

The Petroglyph Operating Company, Inc. (Petroglyph) request to convert the former Green River Formation oil well Ute Tribal No. 31-02 to an enhanced recovery injection well in the Antelope Creek Waterflood project is hereby authorized by the Environmental Protection Agency (EPA) under the terms and conditions of the Authorization For Additional Well.

The addition of the proposed injection well, within the exterior boundary of the Uintah & Ouray Indian Reservation, is being made under the authority of 40 CFR §144.33 (c) and terms of the Antelope Creek Waterflood UIC Area Permit No. UT20736-00000. Unless specifically mentioned in the enclosed Authorization For Additional Well, the Ute Tribal No. 31-02 is subject to all terms and conditions of the UIC Area Permit UT20736-00000 as modified.

Please be aware that Petroglyph does not have authorization to begin injection operations into the well until all Prior to Commencing Injection requirements have been submitted and evaluated by the EPA, and Petroglyph has received written authorization from the Director to begin injection.

Prior to receiving authorization to inject, the EPA requires that Petroglyph submit for review and approval the following: (1) the results of a **Part I (Internal) mechanical integrity test (MIT)**, (2) a **pore pressure** calculation of the injection interval, and (3) a completed **EPA Form No. 7520-12 Well Rework Record**.



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in final Area Permit
7/12/1994.*

RE: Additional Well to Antelope Creek Area Permit
UIC Permit No. UT20736-00000
Well ID: UT20736-04549
Ute Tribal No. 31-02, Duchesne County, Utah

Dear Mr. Smith:

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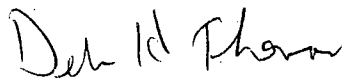


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The initial Maximum Allowable Injection Pressure (MAIP) for the Ute Tribal No. 31-02 was determined to be **1605 psig**. UIC Area Permit UT20736-00000 also provides the opportunity for the permittee to request a change in the MAIP based upon results of a step rate test that demonstrates that the formation breakdown pressure will not be exceeded.

If you have any questions, please call Mr. Dan Jackson at (303) 312-6155 or 1.800.227.8917 (Ext. 6155). Please submit the required data to **ATTENTION: DAN JACKSON**, at the letterhead address, citing **MAIL CODE: 8P-W-GW** very prominently.

Sincerely,


for Stephen S. Tuber
Assistant Regional Administrator
Office of Partnerships and Regulatory Assistance

encl: Authorization For Conversion of An Additional Well
EPA Form No. 7520-12 (Well Rework Record)

cc: without enclosures

Maxine Natchees, Chairperson
Uintah & Ouray Business Committee
Ute Indian Tribe
P.O. Box 190
Fort Duchesne, UT 84026

Chester Mills, Superintendent
BIA - Uintah & Ouray Indian Agency
P.O. Box 130
Fort Duchesne, UT 84026

cc: with enclosures;

Elaine Willie
Environmental Coordinator
Ute Indian Tribe
P.O. Box 460
Fort Duchesne, UT 84026

Gil Hunt
Technical Services Manager
Utah Division of Oil, Gas, and Mining
1594 West North Temple - Suite 1220
Salt Lake City, UT 84114-5801

Kirk Fleetwood, PE
BLM - Vernal District
170 South 500 East
Vernal, UT 84078

UIC Program Action : Add-Well - Antelope Creek Waterflood A.P

UIC Permit Number: UT20736-04549 Well Name: Ute Tribal 31-02

To:	Requested Action:	Mailcode	Initials	Date
Originator: <i>DMJ</i>	phone: <u>6155</u>	8P-W-GW	<i>DMJ</i>	6/30/05
UIC Review	<input type="checkbox"/> DWJ <input checked="" type="checkbox"/> CT <input type="checkbox"/> NW <i>(w/ comment on PA Plan)</i>	8P-W-GW	<i>New for CT</i>	8/11/05
K Bartholow, Admin	proof	8P-W-GW	<i>KB</i>	8/18/05
T Eagle, GWP Dir	<input checked="" type="checkbox"/> concur <input checked="" type="checkbox"/> signature	8P-W-GW	<i>TE</i>	8/18/05
L Johnson, Admin	proof	8P-W	<i>Ln</i>	8/22
D Thomas, WP Dir	<input checked="" type="checkbox"/> concur <input checked="" type="checkbox"/> signature	8P-W	<i>DHT</i>	8/23/05
M Brennan, Admin	proof	8-OPRA		
S Tuber, ARA	<input checked="" type="checkbox"/> signature	8-OPRA	<i>DHT</i>	8/23/05
K Bartholow, Admin	date stamp & mail original letter &	8P-W-GW	<i>ICB</i>	8/26/05
Originator	make CC: copies	8P-W-GW		
K Bartholow, Admin	mail copies to CC's	8P-W-GW		
Originator	file documents	8P-W-GW		

LEFT SIDE

Concurrence Copy
Request Letter & relevant information

RIGHT SIDE

Response Letter

COMMENTS:

Originator: _____

Phone: _____

7
9655 6889 5396
7001 0320 0005 9389

U.S. Postal Service
CERTIFIED MAIL RECEIPT
*(Domestic Mail Only; No Insurance Coverage Provided)

OFFICIAL USE

Postage	\$	Postmark Here AUG 26 2005
Certified Fee		
Return Receipt Fee (Endorsement Required)		
Restricted Delivery Fee (Endorsement Required)		
Total Postage & Fees	\$	

Sent To	Mr Kenneth Smith, Executive VP and COO
Street, Apt. No., or PO Box No.	Petroglyph Energy 555 S. Cole Blvd
City, State, ZIP+4	Boise, ID 83709

PS Form 3800, January 2001See Reverse for Instructions



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CONCURRENCE COPY

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Boise, ID 83709

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UIC Permit No. UT20736-00000
Well ID: UT20736-04549
Ute Tribal No. 31-02, Duchesne County, Utah

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8P-W-GW
Duffy
6/30/05

8P-W-GW
N. W. W. for CT
8-11-05
JPWMS
Jray Eagle
8/12/05



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Sincerely,

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Assistant Regional Administrator
Office of Partnerships and Regulatory Assistance

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cc: without enclosures

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Uintah & Ouray Business Committee
Ute Indian Tribe
P.O. Box 190
Fort Duchesne, UT 84026

Chester Mills, Superintendent
BIA - Uintah & Ouray Indian Agency
P.O. Box 130
Fort Duchesne, UT 84026

cc: with enclosures;

Elaine Willie
Environmental Coordinator
Ute Indian Tribe
P.O. Box 460
Fort Duchesne, UT 84026

Gil Hunt
Technical Services Manager
Utah Division of Oil, Gas, and Mining
1594 West North Temple - Suite 1220
Salt Lake City, UT 84114-5801

Kirk Fleetwood, PE
BLM - Vernal District
170 South 500 East
Vernal, UT 84078

-4-

bcc w/o enclosures:

Barbara Conklin, 8TAP
Nathan Wiser, 8 ENF-UFO